International application No.

PCT/ ES 02 / 00499

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A63H 18/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A63H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CIBEPAT, EPODOC, WPI, PAJ

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A X A	FR 2 042 168 A (BAZIN) 5 of February 1971 (05.02.1971), page 3, line 21 - página 5, line 38; figure US 3 290 498 A (LAHR) 6 of December 1966 (06.12.1966), The whole document EP 0 567 296 A1 (NG CODY KIN MO) 27 of October 1993 (27.10.1993), column 4, line 12 -column 5, line 14; figure 1 - 5.	1, 2 3 - 5, 17 1, 2 5, 17 1, 4, 5, 9

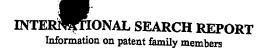
X	Further documents are listed in the continuation of Box (. X See patent family annex.		
* "A"	Special categories of cited documents: document defining the general state of the art which is not consider to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
"E" "L"	earlier document but published on or after the international filing da document which may throw doubts on priority claim(s) or which cited to establish the publication date of another citation or oth	considered novel or cannot be considered to involve an inventive		
"0"	special reason (as specified) document referring to an oral disclosure, use, exhibition or oth means	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination heing obvious to a reconstituted in the art.		
"P"	document published prior to the international filing date but later the the priority date claimed	"&" document member of the same patent family		
Date	of the actual completion of the international search	Date of mailing of the international search report		
29 April 2003 (29.04.03)		12 MAY 2003 (12.05.03)		
Nam	e and mailing address of the ISA/	Authorized officer		
Facsi	S.P.T.O.	Telephone No.		





International application No.
PCT/ ES 02 / 00499

C (Continuation	on). DOCUMENTS CONSIDERED TO BE RELEVANT		7, 20 02 1 00433
Category*	Citation of document, with indication, where appropriate, of the rele	Relevant to claim No.	
A	EP 0 280 920 A1 (HESSE) 7 of September 1988	(07.09.1988)	
		·	





International Application No

PCT/ ES 02 / 00499

Patent document cited in search report	Publication date	Patent familiy member(s)		Publication date
FR 2 042 168 A	05.0	02.1971	NONE	
US 3 290 498 A	06.3	12.1966	NONE	**************
EP 0 567 296 A	27.1	10.1993	US 5 218 909 A CN 1 078 660 A JP 6 007 547 A	15.06.199 24.11.199 18.01.199
EP 0 280 920 A	07.0	09.1988	WO 88 06 473 A	07.09.198 15.09.198 26.09.198 15.09.199 27.09.199